

## CLAIMS:

1. A transmission system for useful data, formed by
- at least a transmitting part comprising transmission circuits for processing the useful data for the purpose of forming series of information signals, and
  - at least a receiving part comprising receiving circuits for processing said
- 5 transmitted series of information signals, the receiving part comprising:
- integrity verification means for producing at least an error indication of the transmitted information signals,
- characterized in that said receiving circuits comprise means for validating transmitted series of information signals even if the error indication appears.
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2. A transmission system as claimed in claim 1, in which the transmission circuits form a header for each series, characterized in that the integrity verification means influence said headers.
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3. A transmission system as claimed in claim 1 or 2, characterized in that the transmission circuits comprise insertion means for inserting positioning information into the header of the series of information signals, characterized in that the integrity verification means produce an error indication for a reception of a series of information signals that is not in conformity with the positioning indication.
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4. A transmission system as claimed in one of the claims 1 to 3, in which the transmission circuits comprise management means for determining transmission quality modes, characterized in that a mode called robust mode and a mode called uncertain mode are distinguished, the robust mode permitting to accept more errors than the uncertain mode.
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5. A transmitter suitable for a system as claimed in one of the claims 1 to 4, comprising said transmission means and said insertion means.

6. A receiver suitable for a system as claimed in one of the claims 1 to 4, characterized in that it comprises said integrity verification means.

7. Electronic equipment comprising a transmitting part and a receiving part suitable for the system as claimed in one of the claims 1 to 4.

8. A method of transmitting useful data by series of information signals, the method being applied to a system as claimed in one of the claims 1 to 4, characterized in that it comprises the following steps:

- positioning a header for the useful data to be transmitted,
- analyzing said header for producing an error indication of the header,
- accepting the useful data for certain error indications.

9. A method as claimed in claim 8, characterized in that an error coding information signal is inserted into the header and in that an error indication is produced as a function of this error coding

10. A method as claimed in claim 8 or 9, characterized in that an indication of the length of the series of information signals is inserted into the header and in that an error indication is produced when the following series does not appear at the instant defined by said length indication.

11. A method as claimed in one of the claims 8 to 10, characterized in that a mode called robust mode and a mode called uncertain mode are distinguished, the robust mode permitting to accept more errors than the uncertain mode for the purpose of validating the useful data.